

INVESTIGATE PECULIARITY

Scientists Trying to Determine the Reason That Salmon Die After Spawning.

SPENDING WEEK AT M'GOWAN

Two Government Representatives Now There in Quest of Information on Subject.

Professor Charles W. Greene, assistant in the bureau of fisheries of the department of commerce and labor, has been at McGowan's cannery for several days conducting a series of scientific analyses to ascertain the physiological and chemical changes that a salmon undergoes from the time that it leaves the sea until it reaches fresh water and spawns, and eventually dies. The result of the analyses will be reported to the head of the bureau of fisheries, and eventually published in book form.

Professor Greene will continue his investigations at different points up the Columbia river until the fountain waters are reached, where the fish die in large numbers. The object of the research is not only to discover the scientific changes that occur, but as well to learn the habits and characteristics of the fish.

Snuggled in one corner of the cannery, Professor Greene has an apparatus that reminds one of a huge college laboratory. Here the fish are dissected, and thorough analyses made. This same process will be renewed at different points going up the river. Then the records will be compared and the actual changes that have occurred will be ascertained.

"We do not know what success will attend our efforts," said Mr. Greene, "but we are going to make a thorough study of the salmon, and hope at least to be able to ascertain more accurate details of the peculiar habits of the fish than have heretofore been learned."

"As is well known, the salmon goes to sea at an early age, and returns to the waters of its infancy only when ready to spawn. Leaving the sea in the sleekest of condition, the fish gradually makes its way to fresh water, subsisting only on the nourishment of its own body. Reaching the fountain waters, it spawns and dies—from causes which are a blank to scientific research.

"Scientists have advanced different reasons as to the probable cause of the salmon's death, but all are necessarily more or less conjecture. Fresh water and lack of nourishment are probably the main causes.

"Last year we conducted similar researches along the Sacramento river in California, and our efforts were moderately successful. This year the tests will be confined exclusively to the Columbia river.

"We have been greatly aided by the proprietors of the cannery, and feel very grateful for the assistance we have received. Mr. McGowan has placed everything required at our disposal, with a request to make ourselves at home."

Professor Greene is from the physiological department of the University of Missouri, but spends several months each year making scientific tests under the supervision of the bureau of fisheries. He is assisted by Professor Koch of Stanford university of California.

LOVE FOUND A WAY.

Tacoma Girl Marries Man of Her Choice at Chicago.

Chicago, July 19.—Having traveled 2,000 miles that they might carry on their courtship without interruption, C. A. Gordon and Miss Katherine Hu-

ck of Tacoma, Wash., have been married in Evanston, Ill. After the ceremony they began their return trip to the Pacific coast to seek forgiveness of Miss Hucek's father, who had forbidden the marriage. Gordon is a student in a Chicago medical school. To be near her lover and to educate herself in a way congenial with his tastes, Miss Hucek came to Chicago to study as a trained nurse. The bride is the daughter of J. R. Hucek, a wealthy grain merchant of Tacoma.

CHARGED WITH MANSLAUGHTER

Station Agent and Flagman Held Responsible for Railroad Wreck.
New York, July 19.—A charge of manslaughter was today preferred against William T. Richards, the station agent at Midvale, N. J., and Earnst Keller, the flagman on the excursion train wrecked on the Erie railroad near Midvale June 12. Richards and Keller are held responsible for the accident, which cost 16 lives and resulted in the injury of about 50 persons.

LOVEFEAST FOR YOUR LIFE.

Factional Democrats in Iowa as Alphonse and Gaston.
Iowa City, Ia., July 19.—Harmony was the main keynote of the Iowa democratic convention today. The prospective bitter fight to the finish between the anti-Hearst and Hearst democrats did not develop, and the two factions vied with each other in nominating and seconding the nomination of candidates of opposite political affiliations.

THE MARKETS.

New York, July 19.—Silver, 55½¢; Union Pacific, 96½; preferred, 94.
Chicago, July 19.—September wheat opened at \$8 1/8-8 1/8 1/2-2¢; closed \$7 5/8-8 1/8 3/4-4¢; barley, 42¢@50¢; flax, \$1.16; northwestern, \$1.21½.
Portland, July 19.—Wheat: Walla Walla, 67¢; bluestem, 75¢; valley, 78¢. Cattle, best steers, \$3@3.25; medium, \$3; cows, \$2@2.25.
Tacoma, July 19.—Wheat: Bluestem, 75¢; club, 67¢.
San Francisco, July 19.—Cash wheat, \$1.30.

BASEBALL SCORES.

Pacific Coast.
At Portland—Tacoma, 7; Portland, 3.
American.
At Boston—Cleveland, 3; Boston, 1.
At New York—Detroit, 1; New York, 2.
At Philadelphia—St. Louis, 1; Philadelphia, 0.
At Washington—Chicago, 5; Washington, 1.
National.
At St. Louis—Boston, 2; St. Louis, 9.
At Chicago—Philadelphia, 0; Chicago, 1.
At Cincinnati—Brooklyn, 2; Cincinnati, 2.
At Pittsburg—New York, 1; Pittsburg, 2.
New Exalted Ruler of Elks.
Cincinnati, July 19.—W. J. O'Brien, jr., of Baltimore, was elected grand exalted ruler by the grand lodge of Elks today. Samuel C. Needs was the only other candidate.

Harry Foley Knocked Out.
Los Angeles, July 19.—Dave Barry tonight knocked out Harry Foley in the seventh round with a left hook on the point of the jaw.

The Weather.
Portland, July 19.—For Washington, Oregon and Idaho: Wednesday, fair and continued warm.

Why should the happiness of women be reckoned, even for purposes of discussion, as has been the case in some western papers, as different from that of men? As happiness goes, true happiness, it will be found in the last analysis that happy women draw their happiness from the very same sources that make men happy.—Boston Transcript.

KELLENBERG RESPONSIBLE

One of Zampa's Sailors Says Captain Is to Blame for the Loss of the Schooner.

RUDDER NOT LOST AT SEA

Had Ordinary Judgment Been Used Vessel Could, George Nelson Says, Have Been Kept Off Beach.

According to George Nelson, one of the sailors who was on board the American schooner Zampa, which went ashore at Leadbetter point Sunday morning at 2 o'clock, the accident was caused wholly through carelessness. Mr. Nelson has arrived in Portland from the scene of the wreck. In an endeavor to save the ship he sprained his back while lifting, and will spend the next few days in a hospital.

Mr. Nelson said: "The rudder was not broken while the vessel was out at sea. The rudder was all right until it struck the rocks on the beach. So far as I am able to judge there is no reason that the vessel should have gone ashore. I think that in his anxiety to reach the mouth of the Columbia river Captain Kellenberg was careless. Long before we got into the breakers we could see the lights from the beach, and at that time the schooner was easily controlled. But we kept working toward the shore and were in the breakers before anyone was aware of it. Then it was impossible for us to get to sea, and the vessel rapidly drifted to destruction."

"A strong gale was blowing at the time, but there was no necessity for us to get into such a predicament had a little judgment been used at the start. All was well at midnight. We could see lights burning brightly, and it was just 12 o'clock when I went to bed. An hour later all hands were ordered on deck. I rushed out and saw at a glance that we were in the breakers. We did all in our power to get back to sea again, but in the face of the strong gale it was impossible at that time. At every little interval heavy seas washed over the main deck, and at all such times we had to climb up in the rigging. When the swells rolled on overboard we would again get down from our high perches and endeavor to guide the schooner to safety. In a few minutes more other waves would sweep over the deck and chase us back into the rigging. Our return to the deck and retreat to the rigging were continued until finally we drifted on the beach with the flood tide. It was 2 o'clock Sunday morning when we struck the shore. Daylight soon began to break. By 9 o'clock the high tide had gone down and we were left high and dry on the beach.

"No one was hurt, aside from myself, and during the time we were in the breakers there was no excitement on board. The captain's wife and baby were with us. The woman appeared to be the coolest one in the outfit. Yesterday afternoon the second mate and myself left the ship and started for Portland. The captain and other members of the crew remained on board the vessel, which was fully 300 feet from the water. There is no doubt that she will be a total loss.

"It was 24 days ago that we sailed from San Pedro for Portland. We had a fine voyage until about five days ago, when strong head winds were encountered. On the second day the wind began to shift freely. We could not put any dependence in it; at times it was on one side of us and a few minutes later it would switch around in the opposite direction. Finally we reached the latitude of the Columbia river and we began to work toward the shore."

DOINGS AT THE SEASHORE.

Warmer Weather Is Resulting in Much Bigger Seaside Crowds.

Seaside, July 19.—The summer season is at last beginning to look like it should, and within another week the seaside crowd will be quite up to its usual proportions. The warmer weather will drive the crowds to the seashore and give Seaside that gala appearance which always characterizes it during the summer months.

The Hotel Moore and Locksley Hall are popular places of entertainment for Seaside visitors. The accommodations at these popular resorts are excellent, and, as the lovers of beach life know it, the traffic is largely diverted to the Oregon watering place. Both hotels are prepared to accommodate large crowds and the excellence of the serv-

ice is commented upon by all who register there.

At Locksley Hall visitors plan many interesting entertainments, one of which is a whist tournament of 500 points. Bon fires are frequent, two hops are held each week, and music is rendered every evening at dinner.

Beach Notes.

Miss Margaret Sampson of Seattle is spending her vacation at Locksley Hall.

Mrs. J. Curtis Caskey and her popular daughter, Miss Irene, of Portland, are among the guests at Locksley Hall.

Miss Delliha Putnam of Walla Walla is at Seaside for the summer.

M. Sichel, a well-known resident of Portland, is among the guests at the Hotel Moore.

Charles W. Tyson and Mrs. Tyson, accompanied by their son, have returned to Portland after a short stay.

C. J. Wellman and family, who have been here for the past six weeks, returned yesterday to Portland.

County Surveyor Astbury of Astoria has taken up his summer quarters at the beach.

George Powers, a prominent merchandise broker of Portland, is spending his vacation at the Hotel Moore.

Dies On Altar Steps.

New York, July 19.—Very Rev. Stephen Kealy, provincial of the Passion Order in the United States, dropped dead today while celebrating mass in the St. Michaels chapel in the manse of the order at West Hoboken, N. J. He was stricken with apoplexy and fell on the altar steps, dying almost immediately. He was born in Ireland in 1848.

A KING WITHOUT CASH.

Neither He Nor His Suite Had Money for Railway Fares.

King Oscar of Sweden has had an experience which must be somewhat novel in the annals of royalty. He and his suite were traveling on the Swiss federal railway, when at Lausanne they were asked for their tickets, and the railway official at Geneva demanded payments both for the fares and for excess of luggage, and gave the king to understand that he was in a republic where one railway passenger was precisely on the same footing as another.

Unfortunately the royal pockets happened to be empty, and when the king's chamberlain asked the railway company to apply to the consulate they promptly refused to do so, a telegram being produced from the head office of the Swiss government railways saying: "Charge Oscar for his royal car 20 first-class tickets."

An influential local magnate came to the rescue and paid the bill amounting to about \$200.

It is curious to speculate on what might have happened but for the intervention of this deus ex machina. Would the railway company have brought the royal tour to an abrupt conclusion—Country Life.

WATER OFFICE FINANCES.

Statement Showing Receipts and Disbursements for Quarter.

The report of the Astoria water commission for the quarter ending June 30 was filed yesterday afternoon with Auditor Anderson by Clerk Mansell. The report shows the receipts for the three months to have been as follows:

April	2,793 60
May	2,937 05
June	2,967 70
Total	\$8,698 35

Outlawed warrants 3 15
Balance as per last report... 6,519 78

Total\$15,221 28

The disbursements for the quarter were as follows:

Salaries	\$1,008 00
Bond interest	8,000 00
General works	1,600 00
General expense	436 16
Other expense	416 98

Total\$11,461 14

The balance of cash on hand is shown to be \$3760.14.

ESSENTIAL OF BEAUTY.

A perfect mouth is one of the most essential points to a beautiful face, but unfortunately it is the feature least apt to be regular. Nor are these many directions given among beauty hints for the cultivation of this feature. Women who are otherwise lovely often ruin their beauty by some habit of biting the lips or pursing them in some unbecoming way. These little habits may not do any apparent injury at first, but sooner or later their effect is visible.

The greatest amount of care and trouble will never turn thin, straight lips into the much-desired Cupid's bow; but if certain little precautions are taken, even thin lips may be presentable, and sometimes improved. Children should be carefully watched



Neglige Special

To get rid our Neglige Shirts we shall place on sale this week

\$1.25 and \$1.50 Values for 75cts

\$2.00 and \$2.25 Values for \$1.50

C. H. COOPER

The Big Store

about this. Almost from babyhood they acquire habits of twisting or pulling at their mouths, or suffing them with various articles. Never let a child get into the way of drawing in its lower lip, or making any grimaces.

Must Please All Tastes.
When you look at a bill of fare in a hotel there will probably be some items of food thereon you do not like. You are not expected to order what you do not want. It is the same way with a newspaper. Read what you like, mentally consume that which appeals to you, and leave the unpalatable things for those for whom they have a fascination.—Waltburg Times.

Laws Should Be Enforced.
The officers are beginning to take notice of the dirty condition of the city, and it is yet possible that some cleaning will be done. If the health officers would strictly perform the duty as laid down by the city ordinance there would be a wholesale renovation at once or the law would be repealed.—Vancouver Columbian.

Pedestrians Have Some Rights.
The bicycle rider who imagines that he has a perfect right to run his wheel at full speed on the sidewalks of the city is assuming a great deal. It is only by a mere chance that an ordinance prohibiting riding on the sidewalks of Mt. Vernon has not already been passed. The city council have a perfect right to pass such an ordinance, and it rests with the bicycle riders to make such a course unnecessary.—Mt. Vernon Argus.

Just Plain Woman.
Nelle—When I got to the ticket window there was a woman ahead of me, and I did think she would never get through. She kept me waiting half an hour, I should think.
Bessie—What a nuisance it is!
Nelle—Well, I should say! But I got my revenge. I stayed at the window a good deal longer than she had stayed, and kept not one, but a whole line of people waiting.—Boston Transcript.

Dry Weather Makes Fortunes.
The warm, dry weather that has been in vogue for the past few weeks has been worth thousands of dollars to the farmers on the La Conner flats and contiguous farming territory.—La Conner Mail.

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"La Veras"

Clear Havana

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READ THIS

Persons having normal vision will be able to read this print at a distance of 14 inches from the eyes with ease and comfort; also will be able to read it with each eye separately. If unable to do so your eyes are defective and should have immediate attention. When the eyes become tired from reading or sewing, or if the letters look blurred and run together, it is a sure indication that glasses are needed. Do not buy glasses over the counter like merchandise, but have your eyes tested by a specialist and the proper lenses prescribed.

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